

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 9233-74		Serial No. 10/018,879	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)							
Applicants: Ekwuribe et al.							
International Filing Date: June 19, 2000						Group	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JSL	1.	3,256,153	6/1966	Heimlich	167	82	
JSL	2.	3,868,356	2/1975	Smyth	260	112.7	
JSL	3.	4,003,792	1/1977	Mill et al.	195	63	
JSL	4.	4,044,196	8/1977	Hüper et al.	526	271	
JSL	5.	4,087,390	5/1978	Shields	260	8	
JSL	6.	4,093,574	6/1978	Shields	260	8	
JSL	7.	4,100,117	7/1978	Shields	260	8	
JSL	8.	4,179,337	12/1979	Davis et al.	435	181	
JSL	9.	4,229,438	10/1980	Fujino et al.	424	177	
JSL	10.	4,253,998	3/1981	Sarantakis	260	8	
JSL	11.	4,277,394	7/1981	Fujino et al.	260	112.5R	
JSL	12.	4,410,547	10/1983	Ueno et al.	424	317	
JSL	13.	4,585,754	4/1986	Meisner et al.	514	8	
JSL	14.	4,622,392	11/1986	Hong et al.	536	29	
JSL	15.	4,684,524	8/1987	Eckenhoff et al.	424	469	
JSL	16.	4,698,264	10/1987	Steinke	428	402.2	
JSL	17.	4,717,566	1/1988	Eckenhoff et al.	424	438	
JSL	18.	4,744,976	5/1988	Snipes et al.	424	408	
JSL	19.	4,772,471	9/1988	Vanlerberghe et al.	424	450	
JSL	20.	4,797,288	1/1989	Sharma et al.	424	476	
JSL	21.	4,840,799	6/1989	Appelgren et al.	424	493	
JSL	22.	4,849,405	7/1989	Ecanow	514	3	
JSL	23.	4,935,246	6/1990	Ahrens	424	490	
JSL	24.	4,946,828	8/1990	Markussen	514	3	
JSL	25.	4,963,367	10/1990	Ecanow	424	485	
JSL	26.	5,013,556	5/1991	Woodle et al.	424	450	

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9233-74Serial No.
10/018,879

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Applicants: Ekwuribe et al.

International Filing Date: June 19, 2000

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JR	27.	5,055,300	10/1991	Gupta	424	409	
JR	28.	5,055,304	10/1991	Makino et al.	424	465	
JR	29.	5,093,198	3/1992	Speaker et al.	428	402.21	
JR	30.	5,164,366	11/1992	Balschmidt et al.	514	3	
JR	31.	5,359,030	10/1994	Ekwuribe	530	303	
JR	32.	5,438,040	8/1995	Ekwuribe	514	3	
JR	33.	5,545,618	8/1996	Buckley et al.	514	12	
JR	34.	5,606,038	2/1997	Regen	536	6.5	
JR	35.	5,681,567	10/1997	Martinez et al.	424	178.1	
JR	36.	5,681,811	10/1997	Ekwuribe	514	8	
JR	37.	5,693,609	12/1997	Baker et al.	514	3	
JR	38.	5,693,769	12/1997	Kahne et al.	536	5	
JR	39.	5,824,638	10/1998	Burnside et al.	514	3	
JR	40.	5,830,918	11/1998	Sportsman et al.	514	648	
JR	41.	5,907,030	5/1999	Shen et al.	530	331	
JR	42.	5,932,462	8/1999	Harris et al.	435	188	
JR	43.	6,309,633	10/2001	Ekwuribe et al.	424	85.1	

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		Document Number	Date	Country	Class	Subclass	Translation Yes No
JR	44.	0 031 567 A2	7/1981	EPO	C07C	103/52	Yes
JR	45.	WO 95/09831	4/1995	PCT	C07C	203/04	Yes
JR	46.	WO 95/30641	11/1995	PCT	C07C	203/04	Yes
JR	47.	WO 98/07745	02/1998	PCT	C07K	7/06	Yes

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JR	48.	Aoshima et al.; "N ⁴ -Behenoyl-1-β-D-Arabinofuranosylcytosine as a Potential New Antitumor Agent" <i>Cancer Research</i> 37 2481-2486 (1977).
JR	49.	Baker et al.; "Prodrugs of 9-β-D-Arabinofuranosyladenine. 1. Synthesis and Evaluation of Some 5'-(O-Acyl) Derivatives" <i>Journal of Medicinal Chemistry</i> 21:12 1218-1221 (1978).

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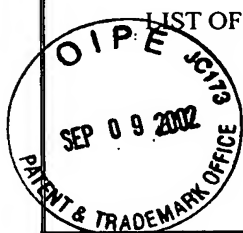
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JRN	51.	Boccu et al.; "Pharmacokinetic Properties of Polyethylene Glycol Derivatized Superoxide Dismutase" <i>Pharmacological Research Communications</i> 14:2 113-120 (1982).
JRN	52.	Brange et al.; "Chemical Stability of Insulin. 1. Hydrolytic Degradation During Storage of Pharmaceutical Preparations" <i>Pharmaceutical Research</i> 9:6 715-726 (1992).
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JRN	56.	Engel et al.; "Insulin: Intestinal Absorption as Water-in-Oil-in-Water Emulsions" <i>NATURE</i> 219 856-857 (1968).
JRN	57.	Fasano, Alessio; "Innovative strategies for the oral delivery of drugs and peptides" <i>TIBTECH</i> 16 152-157 (1998).
JRN	58.	Gish et al.; "Nucleic Acids. 11. Synthesis of 5'-Esters of 1-β-D-Arabinofuranosylcytosine Possessing Antileukemic and Immunosuppressive Activity" <i>Journal of Medicinal Chemistry</i> 14:12 1159-1162 (1971).
JRN	59.	Hong et al.; "Nucleoside Conjugates. 7. Synthesis and Antitumor Activity of 1-β-D-Arabinofuranosylcytosine Conjugates of Ether Lipids" <i>J. Med. Chem.</i> 29 2038-2044 (1986).
JRN	60.	Hostetler et al.; "Synthesis and Antiretroviral Activity of Phospholipid Analogs of Azidothymidine and Other Antiviral Nucleosides" <i>The Journal of Biological Chemistry</i> 265:11 6112-6117 (1990).
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JRN	62.	Maislos et al.; "The Source of the Circulating Aggregate of Insulin in Type I Diabetic Patients Is Therapeutic Insulin" <i>J. Clin. Invest.</i> 77 717-723 (1986).
JRN	63.	Oka et al.; "Enhanced Intestinal Absorption of a Hydrophobic Polymer-Conjugated Protein Drug, Smancs, in an Oily Formulation" <i>Pharmaceutical Research</i> 7:8 852-855 (1990).
JRN	64.	JC Price; <i>Polyethylene Glycol</i> , 355-361 (not dated)
JRN	65.	Ratner et al.; "Persistent Cutaneous Insulin Allergy Resulting From High-Molecular-Weight Insulin Aggregates" <i>Diabetes</i> 39 728-733 (1990).
JRN	66.	Robbins et al.; "Antibodies to Covalent Aggregates of Insulin in Blood of Insulin-Using Diabetic Patients" <i>Diabetes</i> 36 838-841 (1987).
JRN	67.	Saffran et al.; "A Model for the Study of the Oral Administration of Peptide Hormones" <i>Can J. Biochem.</i> 57 548-553 (1979).

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FORM PTO-1439 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		Attorney Docket Number 9233-74	Serial No. 10/018,879
		Applicants: Ekwuribe et al.	
		Filing Date: August 5, 2002	Group 1657

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JER	1.	3,919,411	11/11/75	Glass et al.	424	78.27	
JER	2.	3,950,517	04/13/76	Lindsay et al.	514	3	
JER	3.	4,253,998	03/03/81	Sarantakis	525	54.1	
JER	4.	4,277,394	07/07/81	Fujino et al.	530	330	
JER	5.	4,338,306	07/06/82	Kitao et al.	514	4	
JER	6.	4,348,387	09/07/82	Brownlee et al.	514	4	
JER	7.	4,469,681	09/04/84	Brownlee et al.	514	4	
JER	8.	4,472,382	09/18/84	Labrie et al.	514	15	
JER	9.	4,554,101	11/19/85	Hopp	530	324	
JER	10.	4,579,730	04/01/86	Kidron et al.	514	3	
JER	11.	4,839,341	06/13/89	Massey et al.	514	4	
JER	12.	4,917,888	04/17/90	Katre et al.	514	12	
JER	13.	4,957,910	09/18/90	Sutton et al.	514	182	
JER	14.	4,994,439	02/19/91	Longenecker et al.	514	3	
JER	15.	5,089,261	02/18/92	Nitecki et al.	424	85.2	
JER	16.	5,157,021	10/20/92	Balschmidt et al.	514	3	
JER	17.	5,162,430	11/10/92	Rhee et al.	525	54.1	
JER	18.	5,202,415	04/13/93	Jonassen et al.	530	303	
JER	19.	5,206,219	04/27/93	Desai	514	3	
JER	20.	5,283,236	02/01/94	Chiou	514	2	
JER	21.	5,286,637	02/15/94	Veronese et al.	435	183	
JER	22.	5,292,802	03/08/94	Rhee et al.	525	54.1	
JER	23.	5,304,473	04/19/94	Belagaje et al.	435	69.7	
JER	24.	5,308,889	05/03/94	Rhee et al.	523	113	
JER	25.	5,312,808	05/17/94	Shorr et al.	514	6	

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					Applicants: Ekwuribe et al.		
					Filing Date: August 5, 2002		Group
JRL	26.	5,324,775	06/28/94	Rhee et al.	525	54.2	
JRL	27.	5,328,955	07/12/94	Rhee et al.	525	54.1	
JRL	28.	5,405,621	04/11/95	Sipos	424	490	
JRL	29.	5,405,877	04/11/95	Greenwald et al	514	772.3	
JRL	30.	5,413,791	05/09/95	Rhee et al.	424	422	
JRL	31.	5,415,872	05/16/95	Sipos	424	490	
JRL	32.	5,444,041	08/22/95	Owen et al.	514	2	
JRL	33.	5,446,091	08/29/95	Rhee et al.	525	54.1	
JRL	34.	5,457,066	10/10/95	Frank et al.	435	68.1	
JRL	35.	5,461,031	10/24/95	De Felippis	514	4	
JRL	36.	5,468,478	11/21/95	Saifer et al.	424	78.27	
JRL	37.	5,504,188	04/02/96	Baker et al.	530	304	
JRL	38.	5,506,203	04/09/96	Backstrom et al.	514	4	
JRL	39.	5,518,998	05/21/96	Backstrom et al.	514	3	
JRL	40.	5,523,348	06/04/96	Rhee et al.	525	54.1	
JRL	41.	5,529,915	06/25/96	Phillips et al.	435	188	
JRL	42.	5,550,188	08/27/96	Rhee et al.	525	54.1	
JRL	43.	5,567,422	10/22/96	Greenwald	424	78.3	
JRL	44.	5,612,460	03/18/97	Zalipsky	530	391.9	
JRL	45.	5,631,347	05/20/97	Baker et al.	530	303	
JRL	46.	5,637,749	06/10/97	Greenwald	558	6	
JRL	47.	5,646,242	07/08/97	Baker et al.	530	303	
JRL	48.	5,650,388	07/22/97	Shorr et al.	514	6	
JRL	49.	5,658,878	08/19/97	Backstrom et al.	514	3	
JRL	50.	5,700,904	12/23/97	Baker et al.	530	305	
JRL	51.	5,707,648	01/13/98	Yiv	424	450	
JRL	52.	5,738,846	04/14/98	Greenwald et al.	424	85.7	
JRL	53.	5,747,445	05/05/98	Backstrom et al.	514	4	
JRL	54.	5,747,642	05/05/98	De Felippis	530	304	

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Applicants: Ekwuribe et al.								
Filing Date: August 5, 2002							Group	
JRL	55.	5,750,497	05/12/98	Havelund et al.	514	3		
JRL	56.	5,766,620	06/16/98	Heiber et al.	424	736		
JRL	57.	5,830,853	11/03/98	Backstrom et al.	514	4		
JRL	58.	5,849,860	12/15/98	Hakimi et al.	528	370		
JRL	59.	5,853,748	12/29/98	New	424	439		
JRL	60.	5,854,208	12/29/98	Jones et al.	514	3		
JRL	61.	5,856,451	01/05/99	Olsen et al.	530	402		
JRL	62.	5,866,538	02/02/99	Norup et al.	514	3		
JRL	63.	5,874,111	02/23/99	Maitra et al.	424	499		
JRL	64.	5,898,028	04/27/99	Jensen et al.	514	4		
JRL	65.	5,902,588	05/11/99	Greenwald et al.	424	278.1		
JRL	66.	5,905,140	05/18/99	Hansen	530	303		
JRL	67.	5,922,675	07/13/99	Baker et al.	514	4		
JRL	68.	5,942,248	08/24/99	Barnwell	424	457		
JRL	69.	5,948,751	09/07/99	Kimer et al.	514	499		
JRL	70.	5,952,008	09/14/99	Backstrom et al.	424	499		
JRL	71.	5,952,297	09/14/99	De Felippis et al.	514	3		
JRL	72.	5,962,267	10/05/99	Shin et al.	435	69.4		
JRL	73.	5,968,549	10/19/99	New et al.	424	450		
JRL	74.	5,969,040	10/19/99	Hallahan et al.	525	59.1		
JRL	75.	5,981,709	11/09/99	Greenwald et al.	530	351		
JRL	76.	5,985,263	11/16/99	Lee et al.	424	85.2		
JRL	77.	6,004,574	12/21/99	Backstrom et al.	424	434		
JRL	78.	6,025,325	02/15/00	Campfield et al.	514	2		
JRL	79.	6,034,054	03/07/00	De Felippis et al.	514	4		
JRL	80.	6,043,214	03/28/00	Jensen et al.	514	3		
JRL	81.	6,051,551	04/18/00	Hughes et al.	514	3		
JRL	82.	6,063,761	05/16/00	Jones et al.	514	3		
JRL	83.	6,093,391	07/25/00	Kabanov et al.	424	85.1		

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JR	84.	6,113,906	09/05/00	Greenwald et al.	424	194.1	
JR	85.	6,165,976	12/26/00	Backstrom et al.	514	3	
JR	86.	6,177,087	01/23/01	Greenwald et al.	424	278.1	
JR	87.	6,191,105	02/20/01	Ekwuribe et al.	514	3	
JR	88.	6,200,602	03/13/01	Watts et al.	424	463	
JR	89.	6,211,144	04/03/01	Havelund	514	4	
JR	90.	6,248,363	06/19/01	Patel et al.	424	497	
JR	91.	6,251,856	06/26/01	Markussen et al.	514	3	
JR	92.	6,258,377	07/10/01	New et al.	424	450	
JR	93.	6,268,335	07/31/01	Brader	514	3	
JR	94.	6,306,440	10/23/01	Backstrom et al.	424	477	
JR	95.	6,310,038	10/30/01	Havelund	514	4	
JR	96.	6,323,311	11/27/01	Liu et al.	530	363	
JR	97.	6,335,316	01/01/02	Hughes et al.	514	3	

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JR	98.	GB 1 492 997	11/23/77	Great Britain			
	99.	JP 1 254 699	10/11/89	Japan			No
JR	100.	WO 93/01802	02/04/93	PCT			Yes - abstract
JR	101.	EP 0 483 465	08/02/95	EPO			Yes - claims
JR	102.	EP 0 597 007	10/16/96	EPO			
JR	103.	EP 0 621 777	27/09/96	EPO			Yes - claims
JR	104.	EP 0 797 615	01/13/99	EPO			
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JR	108.	Allcock et al., "Contemporary Polymer Chemistry," 394-403 (2nd. ed., 1991).

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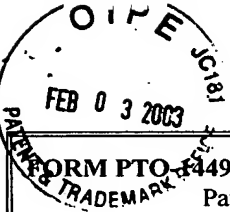
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109.	Ansell, S. et al., "Application of Oligo-(14-amino-3,6,9,12-tetraoxatetradecanoic acid) Lipid Conjugates as Steric Barrier Molecules in Liposomal Formulations," Bioconjugate Chem., 10: 653-666 (1999).		
110.	Banting et al., "Pancreatic Extracts in the Treatment of Diabetes Mellitus: Preliminary Report," Can. Med. Assoc. J., 145(10): 1281-1286 (1991).		
111.	Baudys et al., "Stabilization and Intestinal Absorption of Human Calcitonin," J. Contr. Rel. vol. 39, pp. 145-51. (1996)		
112.	Baudys, M. et al, "Synthesis and Characterization of Different Glycosylated Derivatives of Insulin" Proceed. Intern. Symp. Cont. Rel. Bioactive. Mater., 1992, 19: 210-211.		
113.	Brange, J., "Galenics of Insulin: The Physico-Chemical and Pharmaceutical Aspects of Insulin and Insulin Preparations," Novo Research Institute, Denmark, 18-100 (1987).		
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116.	Coombes, A.G.A. et al., "Biodegradable Polymeric Microparticles for Drug Delivery and Vaccine Formulation: the Surface Attachment of Hydrophilic Species Using the Concept of Poly(Ethylene Glycol) Anchoring Segments," Biomaterials, 18: 1153-1161 (1997).		
117.	Coudert et al., "A Novel, Unequivocal Synthesis of Polyethylene Glycols," Synthetic Communications, 16(1): 19-26 (1986).		
118.	Forst et al., "New Aspects on Biological Activity of C-peptide in IDDM Patients," Exp. Clin. Endocrinol. Diabetes, 106: 270-276 (1998).		
119.	Francis et al., "Polyethylene Glycol Modification: Relevance of Improved Methodology to Tumour Targeting," J. Drug Targeting, 3: 321-340 (1996).		
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LIST OF DOCUMENTS CITED BY APPLICANT

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